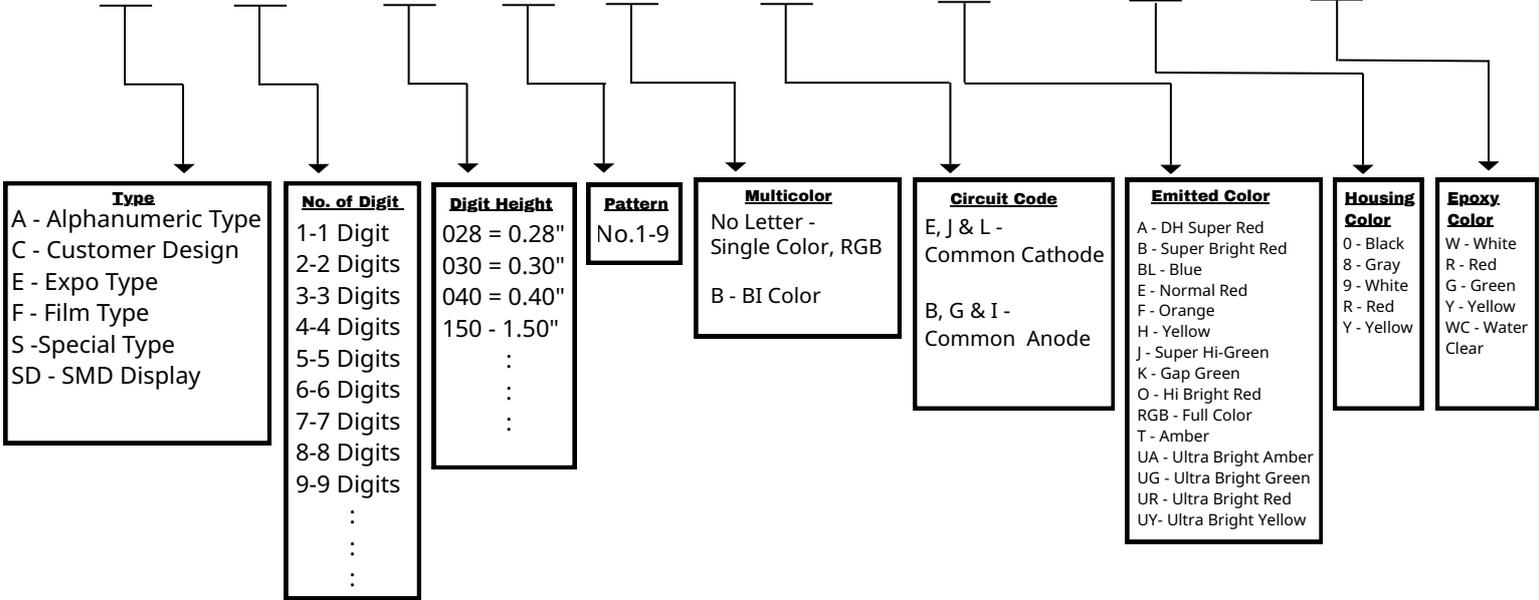




Part Number System for 7-Segment

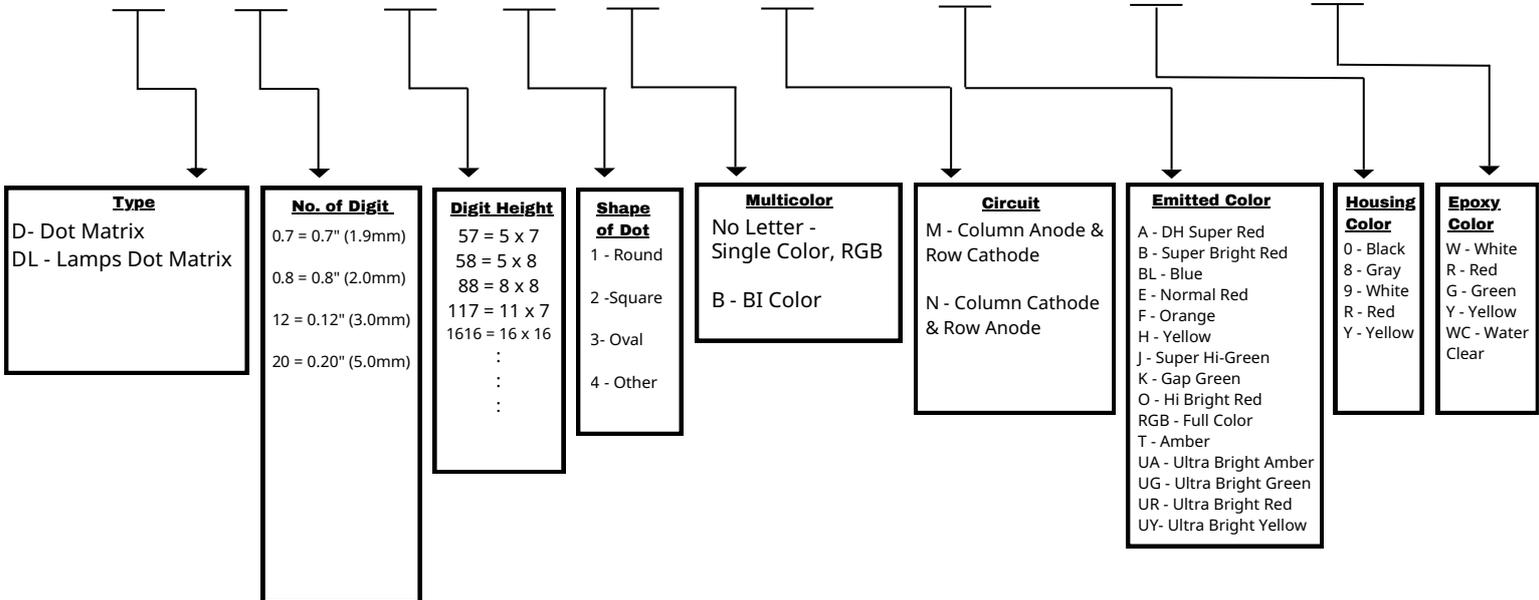
Part Number:

E 1 028 1 B - J - A - 0 - W



Part Number System for Dot Matrix

D 07 57 1 B - M - A - 0 - W

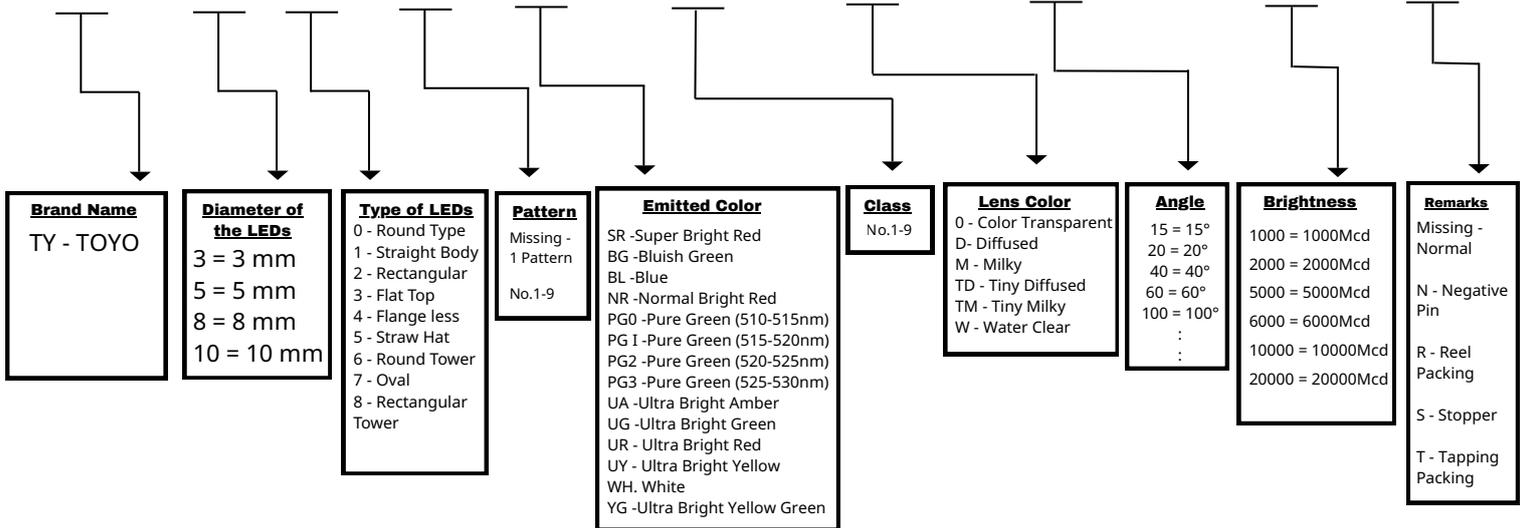




Part Number System for LEDs

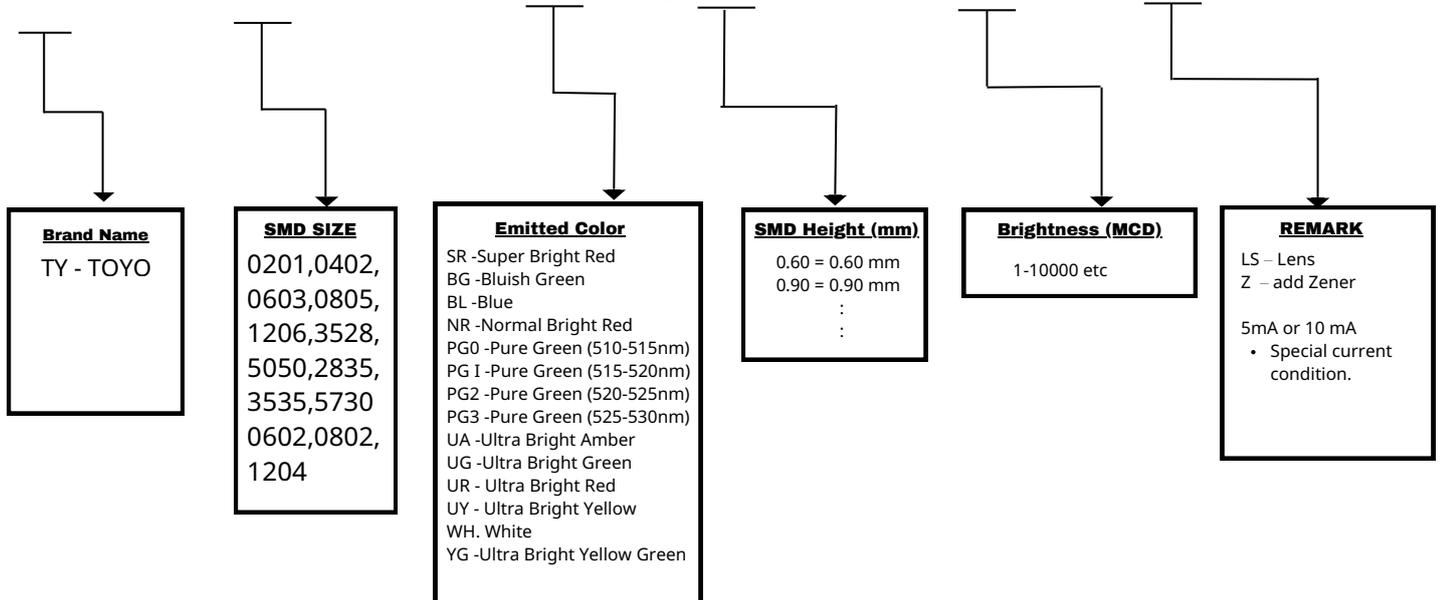
Part Number:

TY 5 0 1 UR 1 W 60 - 1000 T



Part Number System for SMD LED

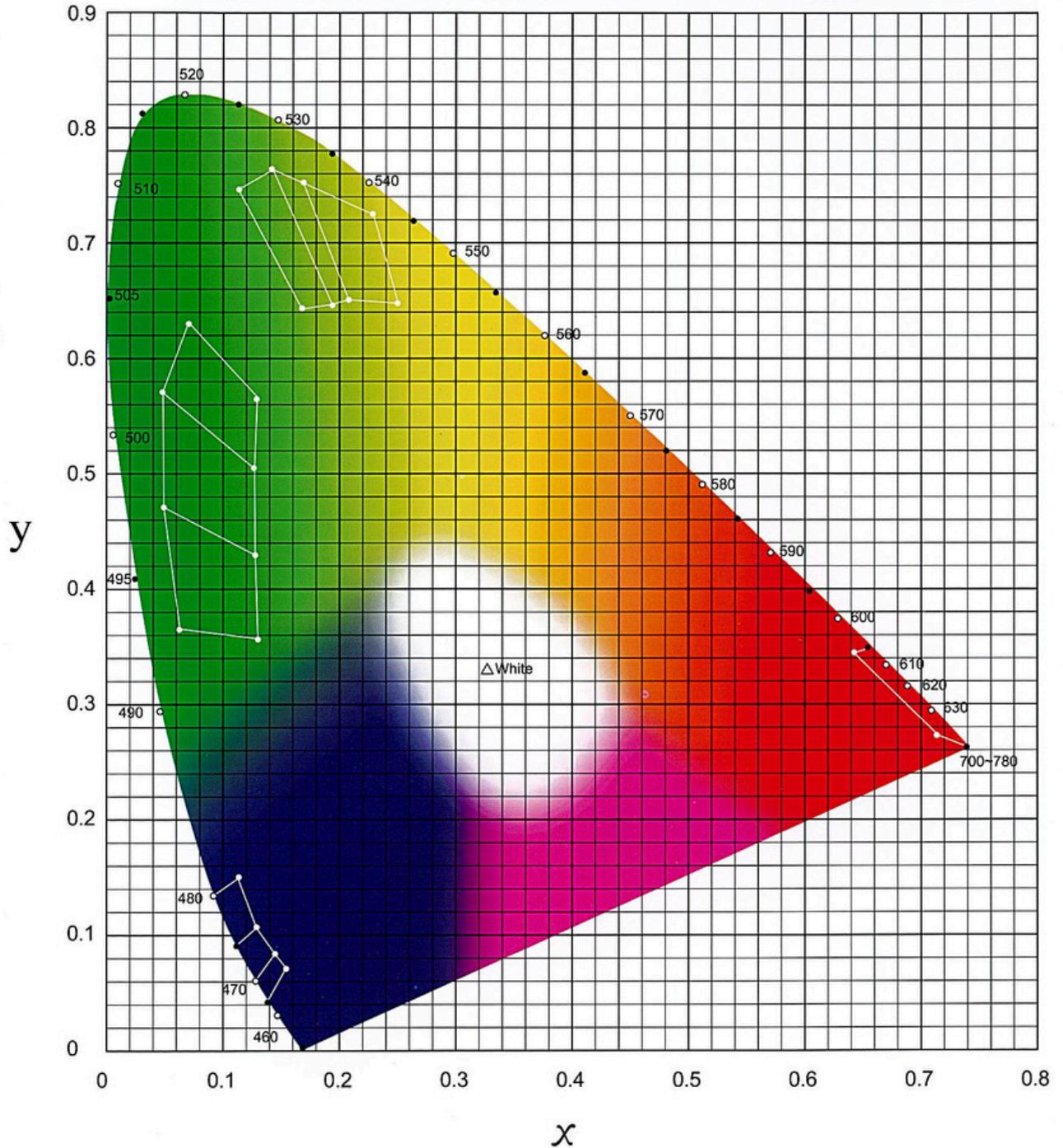
TY 0201 - UR - (0.60) - 100 - LS





Chromaticity Diagram

This data is typical, and the Value is not guaranteed.



CIE chromaticity diagram. All possible color coordinates(x,y) are on or inside the horseshoe curve.

Pure colors lie on the curve, whereas the white point has the coordinates(1/3, 1/3)



PCB CIRCUIT CODE

| CODE | CIRCUIT |
|-------------|---|
| A | COMMON ANODE FOR LIGHT BARS & ARROWS |
| D | COMMON CATHODE FOR LIGHT BARS & ARROWS |
| G | DIRECT COMMON ANODE |
| J | DIRECT COMMON CATHODE |
| I | MULTIPLEX COMMON ANODE |
| L | MULTIPLEX COMMON CATHODE |
| M | COLUMN ANODE & ROW CATHODE FOR DOT-MATRIX |
| N | COLUMN CATHODE & ROW ANODE FOR DOT-MATRIX |



TOYO LED ELECTRONICS LTD.

Emitted Color Code

| CODE | Wave length λ_p / λ_d | $\Delta\lambda$ | Color | Materials | Brightness |
|-------|--|-----------------|--------------|---------------|------------|
| A | 655 / 640nm | 20nm | DH Super Red | AlGaAs | 35 Mcd |
| B | 660 / 643nm | 20nm | Red | GaAlAs / GaAs | 14Mcd |
| BL | 430 / 470nm | 26nm | Blue | InGaN | 40-60Mcd |
| E | 700 / 620nm | 100nm | Red | GaP | 0.8Mcd |
| F | 640 / 628nm | 40nm | Orange | GaAsP | 14Mcd |
| H | 589 / 590nm | 35nm | Yellow | GaAsP / GaP | 8Mcd |
| J | 568 / 572nm | 30nm | Yellow Green | GaP | 15Mcd |
| K | 568 / 572nm | 30nm | Yellow Green | GaP | 13Mcd |
| O | 655 / 643nm | 20nm | Red | AlGaAs | 14Mcd |
| RGB R | 660 / 640nm | 22nm | Red | AlGaAs | 250Mcd |
| RGB G | 568 / 573nm | 32nm | Green | GaP | 42Mcd |
| RGB B | 430 / 466nm | 26nm | Blue | InGaN | 160Mcd |
| T | 620 / 607nm | 35nm | Amber | GaAsP | 10Mcd |
| UA | 610 / 605nm | 20nm | Amber | AlGalnP | 80Mcd |
| UG | 575 / 572nm | 20nm | Yellow Green | AlGalnP | 50Mcd |
| UR | 645 / 631nm | 20nm | Red | AlGalnP | 65Mcd |
| UY | 583 / 595nm | 20nm | Yellow | AlGalnP | 70Mcd |